

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____				5. LEASE DESIGNATION AND SERIAL NO. NM-0383161	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____				6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR OLEN F. FEATHERSTONE				7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 236 Petroleum Building, Roswell, New Mexico, 88201				8. FARM OR LEASE NAME Tenneco Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1980' FNL & 1980' FNL Sec. 31, T 14S, R 35E, N.M.P.M. At top prod. interval reported below At total depth				9. WELL NO. 1	
14. PERMIT NO. _____ DATE ISSUED _____				10. FIELD AND POOL, OR WILDCAT North Morton Permo-Penn.	
15. DATE SPUDDED Dec. 12, 1967				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 31, T 14S, R 35E	
16. DATE T.D. REACHED Jan. 16, 1968				12. COUNTY OR PARISH Lea	
17. DATE COMPL. (Ready to prod.) Jan. 21, 1968				13. STATE New Mexico	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4057' GR				19. ELEV. CASINGHEAD 4058'	
20. TOTAL DEPTH, MD & TVD 10,590'		21. PLUG, BACK T.D., MD & TVD 10,510'		22. IF MULTIPLE COMPL., HOW MANY* _____	
23. INTERVALS DRILLED BY _____ ROTARY TOOLS 10,590'				CABLE TOOLS _____	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 10,459' to 10,472' Permo-Penn.				25. WAS DIRECTIONAL SURVEY MADE No.	
26. TYPE ELECTRIC AND OTHER LOGS RUN Gamma-Ray-Sidewall Neutron; Induction-Laterolog; MicroLaterolog-Microlog; MOD				27. WAS WELL CORED No.	
28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	48#	367'	17-1/2"	350ex. (circulated)	
8-5/8"	24 & 32	4,475'	11"	500ex.	
5-1/2"	15.5, 17 & 20#	10,552'	7-7/8"	200ex.	
29. LINER RECORD					
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	
2-3/8"					
30. TUBING RECORD					
SIZE	DEPTH SET (MD)	PACKER SET (MD)			
2-3/8"	10,407'	10,395' - 407'			
31. PERFORATION RECORD (Interval, size and number)					
.31" Hyper Jet 2 holes per foot					
10,460' to 10,461' = 2 shots					
10,466' to 10,470' = 8 shots					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
10,460' - 10,470'		500 gallons BHA			
33.* PRODUCTION					
DATE FIRST PRODUCTION Jan. 21, 1968		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing			WELL STATUS (Producing or shut-in) Producing
DATE OF TEST Jan. 21, 1968	HOURS TESTED 24	CHOKE SIZE 12/64"	PROD'N. FOR TEST PERIOD 336	OIL—BBL. 336	GAS—MCF. -0-
WATER—BBL. -0-	GAS-OIL RATIO 43.40				
FLOW. TUBING PRESS. 450#	CASING PRESSURE Packer	CALCULATED 24-HOUR RATE 336	OIL—BBL. 336	GAS—MCF. -0-	WATER—BBL. -0-
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold					
TEST WITNESSED BY Howard Rickey					
35. LIST OF ATTACHMENTS 2 copies each of DST plus 2 copies each of logs. Gamma-Ray-Sidewall Neutron; Induction-Laterolog; MicroLaterolog-Microlog; MOD.					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
SIGNED Charles W. Hicks (Charles W. Hicks)		TITLE General Manager		DATE Jan. 23, 1968	

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
DST #1 Permo-Penn	10,310'	10,322'	1000' WB - Tool open 2 hrs. IP-4664; FP-9234; ISI-33364; FSI-29634. Recovered: 1000' WB oil and gas cut; 330' heavy oil and gas cut and base oil.	Top Anhydrite Top salt Base oil	1,000' 2,000' 2,700'	1,000' 2,000' 2,700'
DST #2 Permo-Penn	10,360'	10,360'	1000' WB - Tool open 2 hrs. IP-23664; FP-34234; ISI-30264; FSI-30264. Recovered: 10 barrels oil - 10 - 70 30.	Top Anhydrite Top salt Top base oil	3,700' 4,100' 5,000'	3,700' 4,100' 5,000'
DST #3 Permo-Penn	10,900'	10,900'	1000' WB - Tool open 3 hrs. IP-4244; FP-9044; ISI-33934; FSI-38464. Recovered: 3 barrels oil and gas cut and on to 10 barrels water blank and 10 barrels salty water.	Top Anhydrite Top salt Top base oil	5,400' 6,000' 6,700'	5,400' 6,000' 6,700'
DST #4 Permo-Penn	10,550'	10,550'	1000' WB - Tool open 1 hr. 30 min. IP-4744; FP-9444; ISI-40324; FSI-40004. Recovered: 1000' WB; 60' drilling mud; 300' salty sulphur water.	Top Anhydrite Top salt Top base oil	7,000' 7,100' 7,500'	7,000' 7,100' 7,500'